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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/597,170	01/02/2007	Bernhard Wessling	0183.06	7086
	7590 06/29/200 BRATSCHUN, L.L.C.		EXAMINER	
8210 SOUTHP.	ARK TERRACE		CAIN, EDWARD J	
LITTLETON, CO 80120			ART UNIT	PAPER NUMBER
			1796	
			NOTIFICATION DATE	DELIVERY MODE
			06/29/2009	ELECTRONIC

## Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

efspatents@sbiplaw.com

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time may be available under the proxima of 37 CFR 1.136(a). In co-word, however, may a reply be indep filed after CR (5) MONTHS from the making date of this communication.  Failther to reply within the set or conditional proximal control of the communication.  Failther to reply within the set or conditional proximal control of the communication.  Failther to reply within the set or conditional proximal control of the communication.  Failther to reply within the set or conditional proximal control of the communication, even if timely filed, may reduce any seared patents than adjustment. Set 37 CFR 1.704(b).  Status  1) Responsive to communication(s) filed on		Application No.	Applicant(s)				
Edward J. Cain   1796	Office Action Comments	10/597,170	WESSLING, BERNHARD				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Repty  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extransion of miner was be available under the processor 37 CFR 1.136(i). In no worth towers, may really be time if the time of the coverage of the property of the period of the property of the period of	Office Action Summary	Examiner	Art Unit				
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2a  This action is FINAL.  2b  This action is non-final.  3  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4  Claim(s) 1-23 is/are pending in the application. 4a) Of the above claim(s) is/are allowed.  5  Claim(s) is/are allowed.  6  Claim(s) 1-5.20 and 21 is/are rejected.  7  Claim(s) are subject to restriction and/or election requirement.  Application Papers  9  The specification is objected to by the Examiner.  10  The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)  All b) Some * c) None of:  1.  Certified copies of the priority documents have been received.  2.  Certified copies of the priority documents have been received in Application No  3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.	Status						
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The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-5, 20 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wessling et al (5,720,903) in view of Wessling et al (5,567,355).

Wessling et al '903 discloses intrinsically conductive polymer particle dispersions (abstract). The conductive polymers are taught as suitably polyaniline and as having conductivities of between 25 and 250,000 S/cm (claim 1). These polymers are taught as dispersed in non-polymeric polar liquids (claim 11) and as being subjected to shear forces to increase the conductivity (claim 2).

This reference fails to explicitly recite particle sizes for the polyaniline.

The Wessling et al '355 reference is cited as disclosing similar polyaniline dispersions wherein the polyaniline has a particle size of less than 500 nm (abstract).

It would have been obvious to one of ordinary skill in the art to use polyaniline powder with particle size of 500 nm or less in the compositions of the primary reference when film thickness dictated.

Claims 6-19 and 22-23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edward J. Cain whose telephone number is (571) 272-1118. The examiner can normally be reached on M-F, 10:00-6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wu can be reached on (571) 272-1114. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Edward J. Cain Primary Examiner Art Unit 1796

/Edward J. Cain/ Primary Examiner, Art Unit 1796